CLAIMS:

1. A computer implemented jumping application morphing console that alters a jumping application that is jumping between one or more hosts connected to the morphing console, the morphing console comprising:

a morphing module that alters a jumping application as the jumping application jumps between hosts;

a database that contains one or more behavior packages for the jumping application, wherein each behavior package alters the behavior of the jumping application for a particular host; and

wherein the morphing module further comprises instructions that determine a next host to which the jumping application is being dispatched and instructions that alter the behavior of the jumping application for the next host based on a behavior package associated with the next host.

2. The console of Claim 1, wherein instructions that determine a next host further comprises instructions that identify a next host of the jumping application based on an itinerary of the jumping application.

3. The console of Claim 1, wherein instructions that alter the behavior of the jumping application further comprises instructions that gather information about each host of the jumping application system in order to determine the capabilities of each host.

4. The console of Claim 3, wherein instructions that gather information further comprises instructions that store a behavior package associated with each host of the jumping application system wherein each behavior package adjusts one of a state and a behavior of a jumping application based on the capabilities of the particular host.

5. The console of Claim 4, wherein instructions that alter the behavior further comprises instructions that identify a first behavior package associated with the next host for the jumping application and instructions that modify one of the state and the behavior of the jumping application based on the identified behavior package.

6. The console of Claim 1 further comprising instructions that forward the jumping application with the altered behavior onto the next host.

7. The console of Claim 1, wherein the database further comprises one or more groups and each group contains one or more behavior packages associated with a set of capabilities of a host computer.

8. The console of Claim 7, wherein a host computer is assigned to a group based on the capabilities of the host computer.

9. The console of Claim 1, wherein the database further comprises a plurality of behavior packages associated with each jumping application wherein each behavior package for the jumping application is associated with a particular set of capabilities of a host computer.

10. A computer implemented jumping application morphing console that alters a jumping application that is jumping between one or more hosts connected to the morphing console, the morphing console comprising:

means for storing one or more behavior packages for the jumping application, wherein each behavior package alters the behavior of the jumping application for a particular host;

means for determining a next host to which the jumping application is being dispatched; and

means for altering the behavior of the jumping application for the next host based on a behavior package associated with the next host.

11. The console of Claim 10, wherein the determining means further comprises means for identifying a next host of the jumping application based on an itinerary of the jumping application.

12. The console of Claim 10, wherein altering means further comprises means for gathering information about each host of the jumping application system in order to determine the capabilities of each host.

13. The console of Claim 12, wherein the gathering means further comprises means for storing a behavior package associated with each host of the jumping application system wherein each behavior package adjusts one of a state and a behavior of a jumping application based on the capabilities of the particular host.

14. The console of Claim 13, wherein the altering means further comprises means for identifying a first behavior package associated with the next host for the jumping application and means for modifying one of the state and the behavior of the jumping application based on the identified behavior package.

15. The console of Claim 10 further comprising means for forwarding the jumping application with the altered behavior onto the next host.

16. The console of Claim 10, wherein the database further comprises one or more groups and each group contains one or more behavior packages associated with a set of capabilities of a host computer.

17. The console of Claim 16, wherein a host computer is assigned to a group based on the capabilities of the host computer.

18. The console of Claim 10, wherein the database further comprises a plurality of behavior packages associated with each jumping application wherein each behavior package for the jumping application is associated with a particular set of capabilities of a host computer.

19. A computer-implemented method for altering the behavior of a jumping application in a jumping application system to optimize its execution for a particular host in the jumping application system, the method comprising:

determining a next host to which a jumping application is being dispatched; and

altering the behavior of the jumping application for the next host based on a behavior package associated with the next host.

20. The method of Claim 19, wherein determining a next host further comprises identifying a next host of the jumping application based on an itinerary of the jumping application.

21. The method of Claim 19, wherein altering the behavior of the jumping application further comprises gathering information about each host of the jumping application system in order to determine the capabilities of each host.

22. The method of Claim 21, wherein gathering information further comprises storing a behavior package associated with each host of the jumping application system wherein each

behavior package adjusts one of a state and a behavior of a jumping application based on the capabilities of the particular host.

23. The method of Claim 22, wherein altering the behavior further comprises identifying a first behavior package associated with the next host for the jumping application and modifying one of the state and the behavior of the jumping application based on the identified behavior package.

24. The method of Claim 19 further comprising forwarding the jumping application with the altered behavior onto the next host.

25. A jumping application morphing system, comprising:

a management and security console;

one or more host computers connected to the console by a computer network, wherein each host computer executes a jumping application; and

wherein the console further comprises a morphing module that alters a jumping application as the jumping application jumps between hosts, a database that contains one or more behavior packages for the jumping application, wherein each behavior package alters the behavior of the jumping application for a particular host, and wherein the morphing module further comprises instructions that determine a next host to which the jumping application is being dispatched and instructions that alter the behavior of the jumping application for the next host based on a behavior package associated with the next host.

26. The system of Claim 25, wherein the console instructions that determine a next host further comprises instructions that identify a next host of the jumping application based on an itinerary of the jumping application.

27. The system of Claim 25, wherein the console instructions that alter the behavior of the jumping application further comprises instructions that gather information about each host of the jumping application system in order to determine the capabilities of each host.

28. The system of Claim 27, wherein the console instructions that gather information further comprises instructions that store a behavior package associated with each host of the

jumping application system wherein each behavior package adjusts one of a state and a behavior of a jumping application based on the capabilities of the particular host.

29. The system of Claim 28, wherein the console instructions that alter the behavior further comprises instructions that identify a first behavior package associated with the next host for the jumping application and instructions that modify one of the state and the behavior of the jumping application based on the identified behavior package.

30. The system of Claim 25, wherein the console instructions further comprise instructions that forward the jumping application with the altered behavior onto the next host.

31. The system of Claim 25, wherein the database further comprises one or more groups and each group contains one or more behavior packages associated with a set of capabilities of a host computer.

32. The system of Claim 31, wherein a host computer is assigned to a group based on the capabilities of the host computer.

33. The system of Claim 25, wherein the database further comprises a plurality of behavior packages associated with each jumping application wherein each behavior package for the jumping application is associated with a particular set of capabilities of a host computer.

34. A server computer for a jumping application morphing system, the server comprising:

a processor;

a memory connected to the processor;

a database connected to the processor that contains one or more behavior packages for the jumping application, wherein each behavior package alters the behavior of the jumping application for a particular host; and

wherein the memory further comprises instructions that determine a next host to which the jumping application is being dispatched and instructions that alter the behavior of the jumping application for the next host based on a behavior package associated with the next host.

35. The server of Claim 34, wherein instructions that determine a next host further comprises instructions that identify a next host of the jumping application based on an itinerary of the jumping application.

36. The server of Claim 34, wherein instructions that alter the behavior of the jumping application further comprises instructions that gather information about each host of the jumping application system in order to determine the capabilities of each host.

37. The server of Claim 36, wherein instructions that gather information further comprises instructions that store a behavior package associated with each host of the jumping application system wherein each behavior package adjusts one of a state and a behavior of a jumping application based on the capabilities of the particular host.

38. The server of Claim 37, wherein instructions that alter the behavior further comprises instructions that identify a first behavior package associated with the next host for the jumping application and instructions that modify one of the state and the behavior of the jumping application based on the identified behavior package.

39. The server of Claim 34 further comprising instructions that forward the jumping application with the altered behavior onto the next host.

40. The server of Claim 34, wherein the database further comprises one or more groups and each group contains one or more behavior packages associated with a set of capabilities of a host computer.

41. The server of Claim 40, wherein a host computer is assigned to a group based on the capabilities of the host computer.

42. The server of Claim 34, wherein the database further comprises a plurality of behavior packages associated with each jumping application wherein each behavior package for the jumping application is associated with a particular set of capabilities of a host computer.